

Field Service Sector**Revision and Review of *Resource Recovery* unit standards**

Subfield	Domain	ID
Resource Recovery	Composting	23298, 23299, 23302, 23304
	Resource Recovery Operations	22609, 22619, 22620
	Resource Recovery Theory	22631, 22634-22637, 22641
	Scrap Metal Recycling	22649, 22651, 22655, 22656, 22659, 22660, 22672

The NZ Extractive Industries Training Organisation has completed the revision and review of the unit standards listed above. Reviewed standards are shown in **bold**.

Date new versions published

May 2011

Planned review date

December 2012

Summary

The unit standards listed above have been revised because of assessment issues raised during the development of EXITO assessment resources. Feedback from assessors and industry informed the revision. One recurring issue in this revision is the potential for unnecessary assessment that results from listing legislation that does not apply specifically to the evidence requirements, or that does not match the candidate's level of responsibility. This was addressed by removing the legislation in favour of appropriate documentation for assessing compliance requirements.

Unit standards 22619 and 22620 were deemed to cover the same outcomes so were reviewed. A replacement standard combining the content of the two overlapping standards was drafted and distributed to key industry stakeholders for approval. Following amendment, the standard was confirmed by them as fit for purpose.

Main changes

- Standards 22619 and 22620 were replaced by standard 27075.
- Titles of standards 22634, 22636, and 23299 were amended to more clearly indicate the content.
- Credits for standard 22636 increased from 6 to 8 to better reflect notional learning time.
- Explanatory notes were updated, corrected, and clarified, including the addition and updating of appropriate references, and the removal of references and legislation that are not required for assessment.
- Evidence requirements were rewritten to remove restrictions on achievement, clarify assessment requirements, and put into logical order.
- Range statements were amended to improve assessment guidance.

Category C unit standards will expire at the end of December 2012**Impact on existing organisations consent to assess**

None.

Impact on registered qualifications

Key to type of impact	
Affected	The qualification lists a reviewed classification (domain or subfield) in an elective set The qualification lists a standard that has changes to level or credits The qualification lists a C or D category standard
Not materially affected	The qualification lists a standard that has a new title The qualification lists a standard that has a new classification

The following NZ Extractive Industries Training Organisation qualifications are impacted by the outcome of this review and revision and will be updated when they are reviewed in 2011, 2012, and 2013. The standards that generated the status *Affected* are listed in **bold**.

Ref	Qualification Title	Classification or ID
1315	National Certificate in Composting (Core Skills) (Level 2)	22636 , 23299
1316	National Certificate in Composting (Level 3)	22634, 22636
1317	National Diploma in Composting (Level 5)	22634
1345	National Certificate in Zero Waste and Resource Recovery (Principles for Implementation) (Level 3)	22634, 22636
1347	National Certificate in Resource Recovery Operations (Level 3)	22619 , 22620 , 22634, 22636
1348	National Certificate in Resource Recovery Operations (Level 4)	22636
1399	National Certificate in Solid Waste Disposal (Landfill Entry Control) (Level 3)	22636
1400	National Certificate in Solid Waste Disposal (Landfill Operations) (Level 3)	22636

Detailed list of unit standards – classification, title, level, and credits

All changes are in **bold**.

Key to review category	
A	Dates changed, but no other changes are made - the new version of the standard carries the same ID and a new version number
B	Changes made, but the overall outcome remains the same - the new version of the standard carries the same ID and a new version number
C	Major changes that necessitate the registration of a replacement standard with a new ID
D	Standard will expire and not be replaced

Review

Service Sector > Resource Recovery > Resource Recovery Operations

ID	Title	Level	Credit	Review Category
22619	Operate a nonexport baler in a resource recovery operation	2	2	C
22620	Operate an export mill baler in a resource recovery operation	3	5	C
27075	Operate a baler in a resource recovery operation	3	3	

Revision

Service Sector > Resource Recovery > Composting

ID	Title	Level	Credit
23298	Identify, describe, and observe health and safety practices at a composting facility	3	4
23299	Describe and locate raw materials, plant, and equipment, and the handling of raw materials at a composting facility Locate and demonstrate knowledge of raw materials, plant, and equipment at a composting facility	2	3
23302	Dispatch compost products and complete documentation at a composting facility	3	6
23304	Receive raw materials from customers, and assess, sort, and stockpile for composting	2	8

Service Sector > Resource Recovery > Resource Recovery Operations

ID	Title	Level	Credit
22609	Identify and sort resources for recycling and recovery at a workplace	1	2

Service Sector > Resource Recovery > Resource Recovery Theory

ID	Title	Level	Credit
22631	Demonstrate basic knowledge of classifications for recoverable resources and residual waste	2	5
22634	Explain principles of organic resource recovery and recycling Demonstrate knowledge of recovering and recycling organic resources	3	5
22635	Explain the content of an environmental management plan for a resource recovery site	3	4
22636	Relate the principles of environmental sustainability to resource recovery Explain concepts relating to sustainability, resource use, recycling, and the environment	3	6 8
22637	Demonstrate knowledge of hygiene and health for working in a resource recovery or solid waste context	3	8
22641	Demonstrate knowledge of the recycling of inorganic resources	3	9

Service Sector > Resource Recovery > Scrap Metal Recycling

ID	Title	Level	Credit
22649	Identify and separate ferrous metals for scrap metal recycling	2	5
22651	Process scrap metal using gas cutting equipment	3	5
22655	Respond to a spill incident at a scrap metal yard	2	4
22656	Weigh metals at a scrap metal yard	2	5
22659	Prepare end-of-life motor vehicles for scrap metal recycling	2	3
22660	Process whiteware for scrap metal recycling	2	4
22672	Demonstrate knowledge of the scrap metal recycling industry	2	6